Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 21 Oct 2022 until 23:59 on Saturday 22 Oct 2022

Forecast Issued on Friday 21 Oct 2022 at 02:15

Confidence: High for mild and often wet conditions through the forecast period. Lower confidence for exact rainfall timings and extent at this stage, make sure to keep updated with the latest forecast.

Headline for Friday 21 Oct 2022: Mostly cloudy with showery rain, heavy at times. Breezy on the tops and mild.

Mountain weather hazards on Friday 21 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Dull	Thundery showers	Thundery showers	Thundery showers	Heavy rain showers (night)
Precipitation probability					
30%	60%	80%	80%	80%	60%

Forecast for Friday 21 Oct 2022

Weather: A cloudy start to Friday, with areas of mist and low cloud slowly clearing to give a brighter afternoon. Meanwhile frequent but generally quick moving showers spreading up from the southwest, these often heavy with a risk of hail and lightning. Strong southerly/south-easterly winds and the chance of showers merging to give persistent rain at times will bring the risk of some poor conditions on the hills. Some bright intervals between showers but sunshine generally fairly limited.

Chance of cloud-free hill tops above 600m: 20%, becoming 50% into the afternoon.

Low cloud and visibility: Areas of cloud and hill fog down to the low slopes in the morning, particularly in the east of the park. Cloud lifting and clearing somewhat into the afternoon. Areas of cloud blowing across the park seeing bases down to 400-500m at times however, giving some very poor visibilities over the higher ground at times. Below the cloud, visibilities rather hazy, and often poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 21 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/33 SE	20/27 SE	21/29 SE	21/28 S	19/28 S	19/28 S	20/28 SW
300	19/32 SE	17/26 SE	19/28 SE	17/27 SE	16/26 S	14/23 S	15/24 S
Valley	9/24 SE	11/24 SE	12/25 SE	12/26 SE	10/24 SE	9/23 S	10/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	10/6	12/8	12/8	11/8	11/7	10/7
300	12/9	12/9	14/11	14/11	13/10	13/10	12/10
Valley	11/10	12/10	15/13	15/13	14/12	13/12	13/11
Freezing Level*	2400m	2400m	2300m	2400m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frequent blustery and heavy showers will give some locally poor conditions for the park through the day, particularly if you get unlucky and showers merge to give longer spells of rain with little chance of waterproofs drying and the risk that watercourses may become swollen making some paths dangerous to navigate if heavy rain persists for long enough. Strong gusty winds are also a hazard, particularly around showers and care should be taken on exposed ground.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 21 Oct 2022	5.8mm	5.8mm	6mm

Forecast for Saturday 22 Oct 2022

Weather: Cloudy with outbreaks of rain overnight. Rain clearing early in the morning then dry for most of the day with long sunny spells. Showers arriving towards evening but there remains some uncertainty in the timing of these. Very mild conditions.

Maximum wind: South or Southwest 20 to 25mph with gusts up to 35mph on the tops in the morning, easing to 10 to 15mph during the afternoon.

Chance of cloud-free hill tops above 600m: 20% overnight becoming 70% during the morning.

Low cloud and visibility: Extensive cloud above 400 or 500m overnight. Visibility improving in the afternoon with cloud lifting from most summits through the morning.

Temperature: **Valleys:** 11 Celsius rising to 15 or 16 Celsius.
At 600m: Plus 9 rising to 11 Celsius.
Freezing level: Well above summits.

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